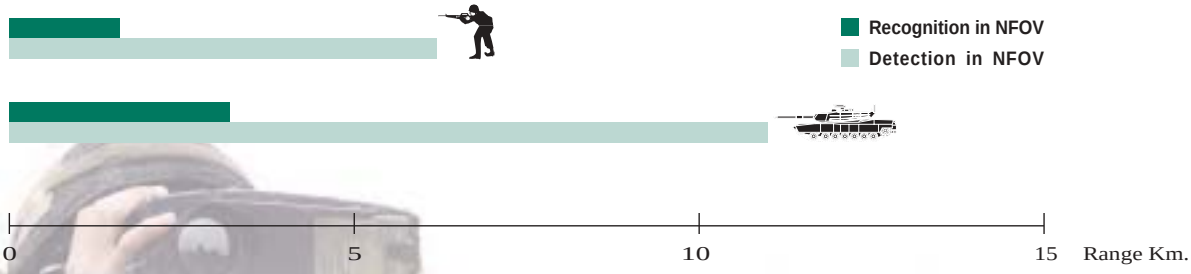
CORAL

Hand-held 3-5µm FPA Thermal Imaging Camera

Technical Data

Spectral Band	3-5 µm
Entrance Aperture	50 mm
Fields of View:	
- Narrow	2.7˚ X 2.1˚
- Wide	8.1˚ X 6.3˚
E-zoom	X2
Detector	
- Type	InSb FPA
- No. of Elements	320 X 256
Cooler	Stirling closed cycle, integral with Dewar
Video Signal	CCIR or RS170
Display	Miniature, high resolution OLED
Compass	Integral, magnetic fluxgate
GPS	Integral, multi-channel
Power Sources:	
- Option A	Disposable battery pack
- Option B	Rechargeable battery pack
- Option C	External DC power source
Weight	2.2 kg (excl. battery)
Operating Temperature	-30˚C - +55˚C
Accessories	-Eyesafe LRF, Clip on
	-Laser pointer, Clip on

Range Performance



Note: Parameters may be altered to comply with customer specifications. EL-OP - ElectroOptics Industrias Ltd., reserves the right to make such alterations in design, dimensions, specifications, and manufacture as are deemed necessary to ensure continued improvement.

elop Electro-Optics Industries Ltd.

A Subsidiary of Elbit SYSTEMS Ltd

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Catalog Number: 6233 • Eichut • CORAL 05/03

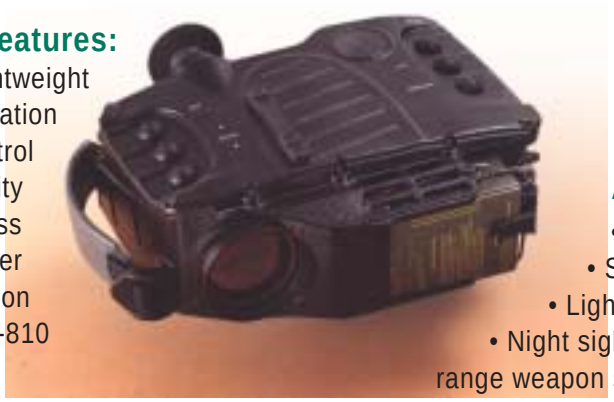
CORAL

Hand-held 3-5µm FPA Thermal Imaging Camera

Dual FOV 3-5µm FPA hand-held, high performance Thermal Imaging camera with integral compass and GPS receiver

Main Features:

- Lightweight
- Easy operation
- Automatic Gain/Level control
- Excellent picture quality
- Integral compass
- Integral GPS receiver
- Ruggedized construction
- MIL-STD-810



Applications:

- Infantry, scout and special units
- Security and perimeter defense
- Light Target Acquisition systems
- Night sight for medium range weapon systems
- Light patrol boats
- MBT/AFV commanders

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